

Regional Profiles for Industry Targeting

Kalamazoo – Battle Creek Region

(Branch, Calhoun, Kalamazoo, and St. Joseph Counties)

Current Labor Market Indicators

Area	Jobless Rate	Avg. Weekly Wage	Change 2001-2003			Forecast Job Growth Rate 2000- 2010
			Jobless Rate	Jobs	Weekly Wage	
Region	6.3%	\$694	+1.2	-1.2%	+6.8%	+9.6%
Michigan	7.3%	\$727	+2.0	-4.2%	+4.4%	+9.3%
U.S.	6.0%	\$691	+1.3	-2.6%	+3.4%	+15.2%

Industry Job Trends

Industry	Percent Change 2001-2003			Share of Total		
	Region	MI	U.S.	Region	MI	U.S.
All Industries	-1.2	-4.2	-2.6	100.0	100.0	100.0
Agriculture	8.7	-2.2	-1.4	1.2	0.6	1.1
Mining	-8.9	-10.9	-7.2	0.1	0.2	0.5
Construction	5.3	-8.0	-2.5	5.3	5.2	6.2
Manufacturing	-7.8	-12.7	-12.5	26.5	19.7	13.5
Trade	-4.6	-6.0	-2.3	17.8	18.6	19.0
Transportation	-3.5	-5.2	-5.6	2.4	2.7	3.7
Utilities	1.4	-2.1	-4.0	0.3	0.6	0.5
Information	-5.2	-7.2	-12.5	1.3	1.9	3.0
Financial Activities	+6.1	+3.8	+1.9	5.0	5.8	7.3
Professional & Business Services	+3.7	-3.4	-3.8	10.3	16.0	14.8
Educational Services	+12.6	+14.8	+7.4	1.5	1.4	1.9
Health Services	+11.0	+5.0	+6.0	13.4	12.8	12.8
Leisure & Hospitality	-2.4	+1.5	+1.6	10.9	11.0	11.5
Other Services	-4.6	-4.5	+1.3	3.7	3.5	4.0

Regional Profiles for Industry Targeting are for informational purposes only. Grant proposals may reflect regions and industries not captured in these profiles.

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Potential Target Industries

Core Industries (Region has a higher share of jobs in this industry than nationally)

Industry	Jobs	Average Weekly Wage	Percent Change 2001-2003	
			Jobs	Weekly Wage
Chemical Manufacturing	P	P	P	P
Transportation Equipment Manufacturing	11,928	\$922	-12.8	+15.2
Paper Manufacturing	3,034	\$864	-11.3	+0.1
Plastics & Rubber Products Manufacturing	3,489	\$643	-1.3	+0.6
Fabricated Metal Product Manufacturing	5,626	\$698	-3.8	+9.2
General Merchandise Stores	8,568	\$336	-1.4	+25.8
Food Manufacturing	4,360	\$1,238	+4.5	+17.3
Crop Production	1,726	\$392	+10.2	-0.7
Machinery Manufacturing	3,240	\$836	-5.1	+1.2
Bldg. Material/Garden Eqt. & Sup. Dealers	2,351	\$456	-7.0	+1.2

Developing Industries (Region's share of jobs advancing faster than national average)

Industry	Jobs	Average Weekly Wage	Percent Change 2001-2003	
			Jobs	Weekly Wage
Chemical Manufacturing	P	P	P	P
Hospitals	7,979	\$604	+17.2	+1.7
Fabricated Metal Product Manufacturing	5,626	\$698	-3.8	+9.2
Plastics & Rubber Products Manufacturing	3,489	\$643	-1.3	+0.6
Crop Production	1,726	\$392	+10.1	-0.7
Machinery Manufacturing	3,240	\$836	-5.1	+1.2
Food Manufacturing	4,360	\$1,238	+4.5	+17.3
Specialty Trade Contractors	7,062	\$782	+8.4	+12.0
Truck Transportation	1,591	\$782	+17.8	+10.0
Social Assistance	3,230	\$347	+10.0	+2.9

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Under-Represented Industries (Regional industries with below average share in jobs, but with positive employment outlook nationally)

Industry	Jobs	Average Weekly Wage	Percent Change 2001-2003	
			Jobs	Weekly Wage
Rental & Leasing Services	504	\$466	-1.6	+17.8
Wood Product Manufacturing	416	\$590	-7.6	+11.2
Management of Companies & Enterprises	1,238	\$1,132	+14.6	+10.5
Merchant Wholesalers, Nondurable Goods	1,465	\$647	-3.9	+3.2
Heavy & Civil Engineering Construction	597	\$859	-21.2	+6.7
Computer & Electronic Product Mfg.	662	\$552	-23.5	+4.4

Competitive-Advantage Industries (Regional industries with a favorable combination of wage, employment change, and competitive employment performance vs. national trends)

Industry	Jobs	Average Weekly Wage	Percent Change 2001-2003	
			Jobs	Weekly Wage
Chemical Manufacturing	P	P	P	P
Food Manufacturing	4,360	\$1,238	+4.5	+17.3
Hospitals	7,979	\$604	+17.2	+1.7
Ambulatory Health Care Services	8,196	\$810	+8.7	-3.6
Specialty Trade Contractors	7,062	\$782	+8.4	+12.0
Plastics & Rubber Products Manufacturing	3489	\$643	-1.3	+0.6
Truck Transportation	1,591	\$782	+17.8	+10.0
Fabricated Metal Product Manufacturing	5,626	\$698	-3.8	+9.2
Insurance Carriers & Related Activities	2,583	\$829	+7.7	-5.3
Nursing and Residential Care Facilities	5,078	\$416	+6.3	+3.1

P – Protected data.

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Chemical Products Manufacturing

Current Labor Market Indicators

Area	Percent Change 2001-2003		Average Weekly Wage	Forecast Job Growth Rate 2002- 2012
	Jobs	Weekly Wage		
Region	P	P	P	N/A
Michigan	-6.1	+15.4	\$1,221	N/A
U.S.	-3.2	+5.4	\$1,275	-1.6%

Primary Occupations

	Chemical Plant & System Operator	Chemists	Biochemist and Biophysicist
O*Net SOC Code	51-9011.01	19-2031	19-1021.01
Average Wage	\$20.42/hr.	\$25.34/hr.	\$26.08/hr.**
Tasks	Operate or tend equipment to control chemical changes or reactions in the processing of industr. or consumer product.	Conduct qualit. and quantit. chemical analyses or exper. in labs. for quality or process control or to dev. new prod./knowl	Research or study chemical composition and processes of living organisms that affect vital processes
Knowledge*	Chemistry Mechanical Mathematics	Chemistry Mathematics English language Computers & Elect.	Chemistry Biology Mathematics
Skills*	Operation/control Science Operation monitoring Quality control analy. Reading compreh.	Science Reading compreh. Active learning Critical thinking Writing	Science Reading compreh. Writing Active learning Critical thinking
Abilities*	Information ordering Written compreh. Control precision Near vision Oral expression Problem sensitivity	Written compreh. Oral expression Written expression Math reasoning Deductive reasoning Oral comprehension	Inductive reasoning Written compreh. Deductive reasoning Written expression Information ordering Near vision

*Listed in order of importance; **Michigan Average; P – Protected data.

For detailed information see O*Net OnLine: http://online.onetcenter.org/gen_search_page

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Transportation Equipment Manufacturing

Current Labor Market Indicators

Area	Percent Change 2001-2003		Average Weekly Wage	Forecast Job Growth Rate 2002- 2012
	Jobs	Weekly Wage		
Region	-12.8	+15.2	\$922	N/A
Michigan	-12.3	+10.6	\$1,220	N/A
U.S.	-9.5	+7.8	\$1,030	-0.2%

Primary Occupations

	Production Welders	Cutting, Punching, Pressing Machine Operator	Inspectors, Testers
O*Net SOC Code	51-4121	51-4031.01	51-9061.05
Average Wage	\$13.60/hr.	\$11.45/hr.	\$15.52/hr.
Tasks	Welds metal parts Connect hoses Ignites torch Preheats workpiece Correct malformation	Turn controls Start machine Feed workpiece Turn valves Position guides	Grade products Mark products Record inspection Collect samples Discard defectives
Knowledge*	Mechanical Production and Processing Building and Construction	Mechanical Production and Processing Engineering and Technology	Production and Processing
Skills*	Operation and control Equipment selection Mathematics Equip. maintenance Operation monitoring	Equipment selection Equip. maintenance Operation monitoring Operation/control Quality control analy.	Quality control analy. Reading comprehens. Mathematics Operation monitoring Writing
Abilities*	Arm-hand steadiness Manual dexterity Near vision Control precision Dynamic strength	Manual dexterity Control precision Arm-hand steadiness Visualization Written comprehens.	Category flexibility Problem sensitivity Visual color discrim. Near vision Written comprehens.

*Listed in order of importance.

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Ambulatory Health Services

Current Labor Market Indicators

Area	Percent Change 2001-2003		Average Weekly Wage	Forecast Job Growth Rate 2002- 2012
	Jobs	Weekly Wage		
Region	+8.7	-3.6	\$810	N/A
Michigan	+6.8	+5.3	\$837	N/A
U.S.	+7.5	+4.1	\$822	35.0%

Primary Occupations

	Medical Secretary	Dental Assistant	Radiologic Tech.
O*Net SOC Code	43-6013	31-9091	29-2034
Average Wage	\$11.52/hr.	\$11.44/hr.	\$18.05/hr.
Tasks	Scheduling Maintain records Answer telephone Route documents Interview patients	Prepare patient Setup instruments Assist dentist Record information Instruct patients	Determine pt. needs Explain procedures Evaluate x-rays Operate equipment Perform procedures
Knowledge*	Customer service Clerical English language Computers/electronics Telecommunications	Medicine/Dentistry Customer service English language Clerical Chemistry	Medicine & Dentistry Physics & Biology Customer service English language Psychology
Skills*	Active listening Speaking Coordination Active learning Time management	Active listening Speaking Reading comprehen. Coordination Equip. maintenance	Active listening Speaking Critical thinking Time management Monitoring
Abilities*	Oral comprehension Oral expression Speech clarity Information ordering Near vision	Oral expression Oral comprehension Written comprehen. Near vision Arm-hand steadiness	Oral expression Oral comprehension Problem sensitivity Speech clarity Control precision

*Listed in order of importance.

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